

FIG. 1

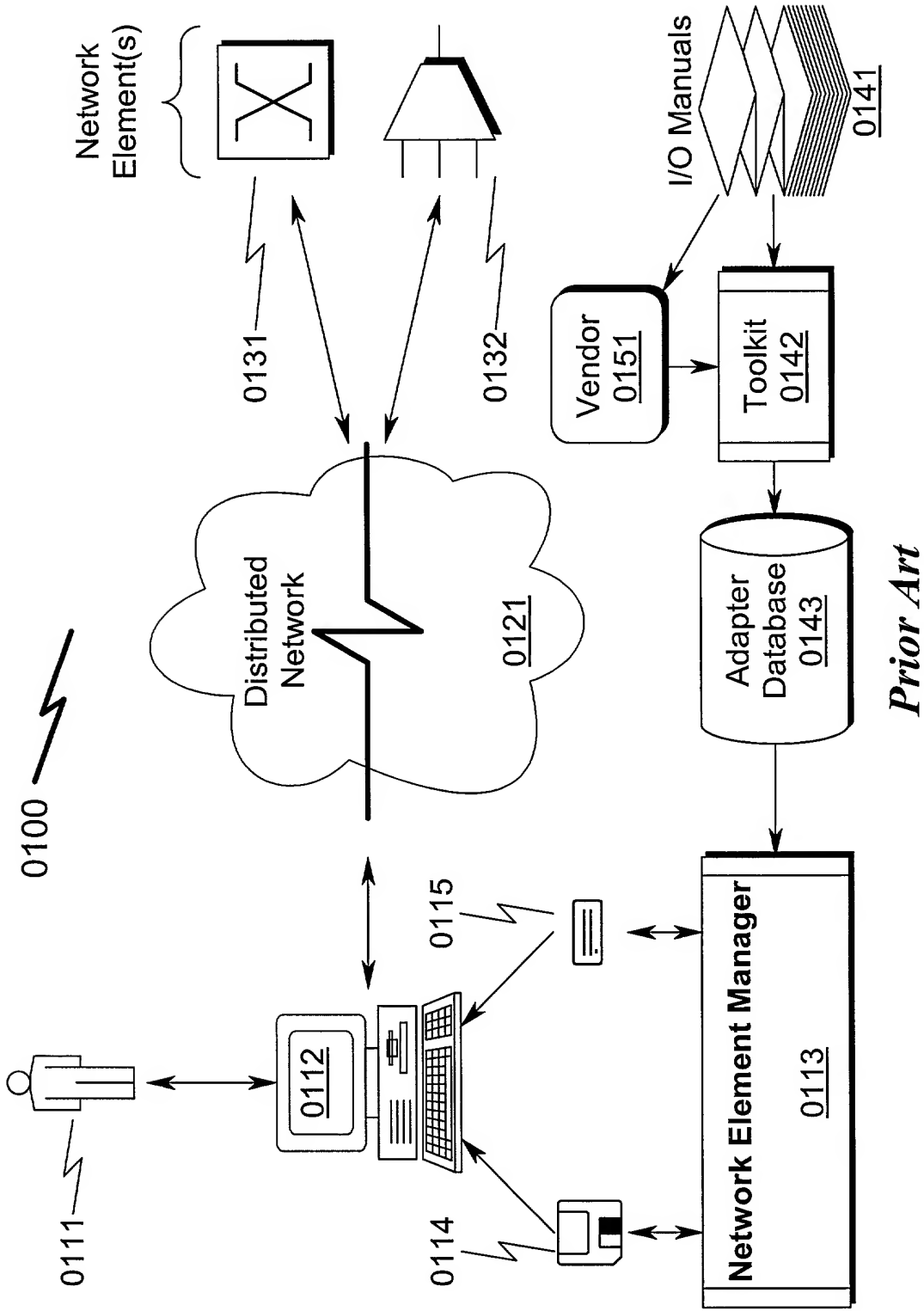
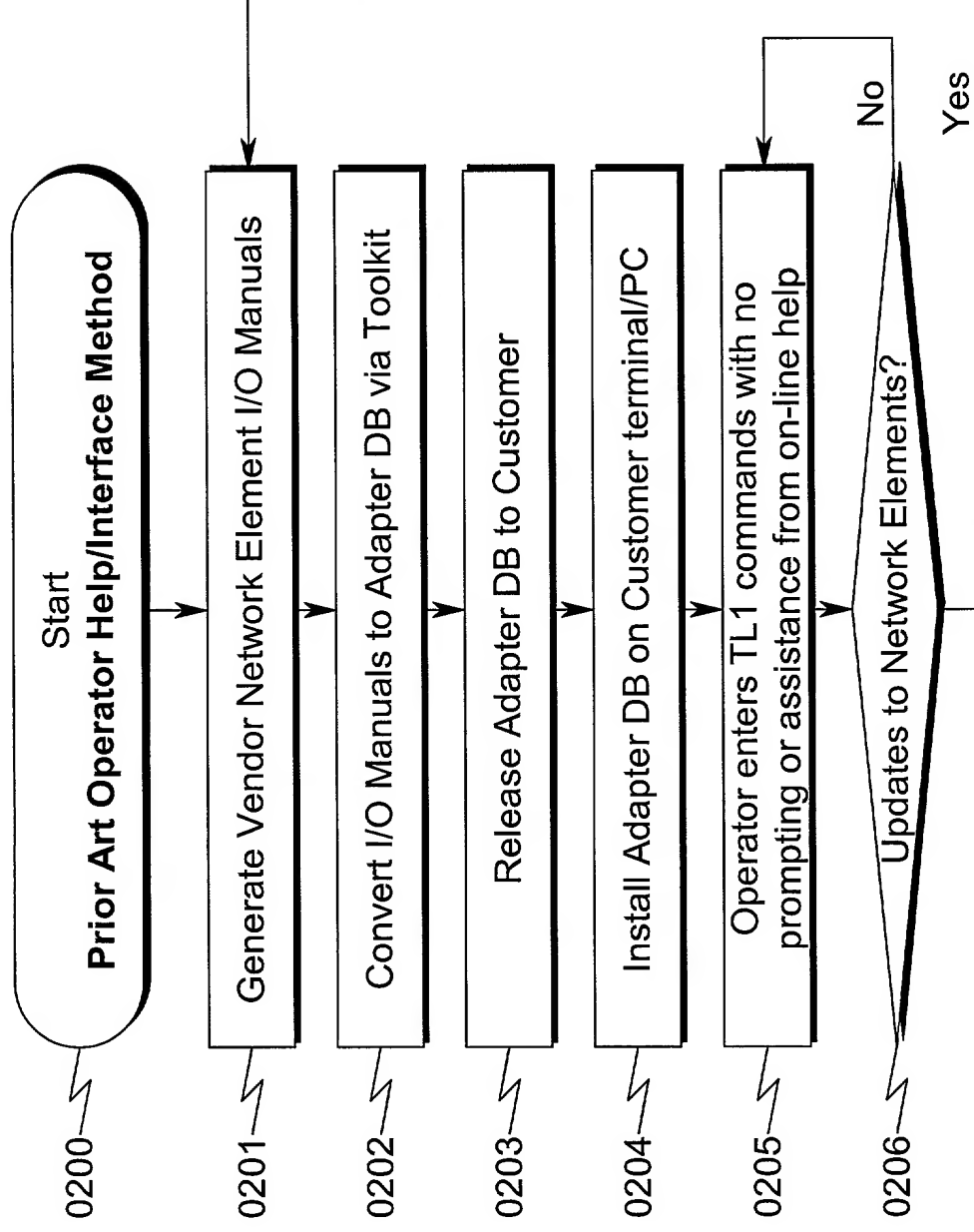


FIG. 2



Prior Art

FIG. 3

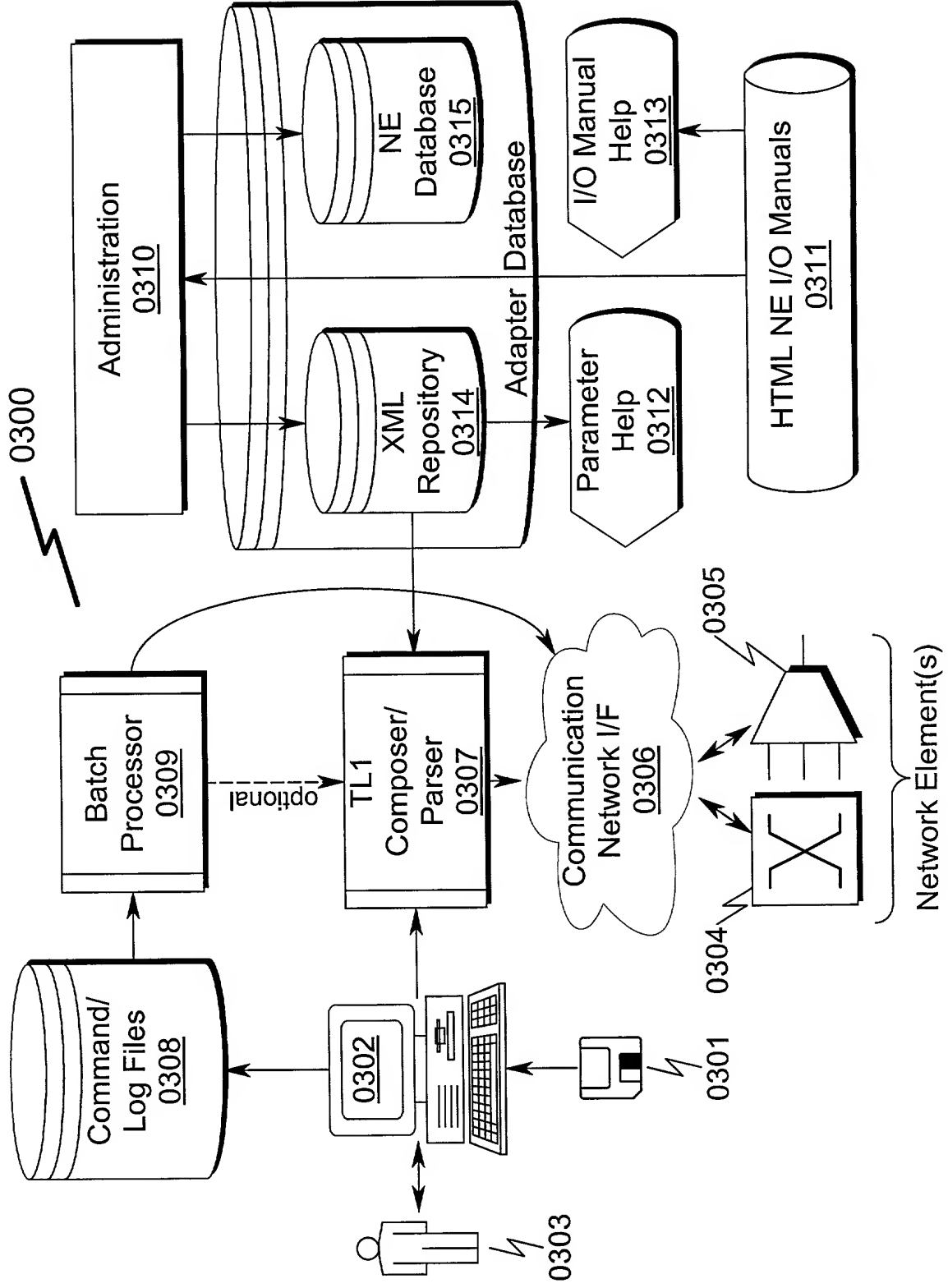


FIG. 4

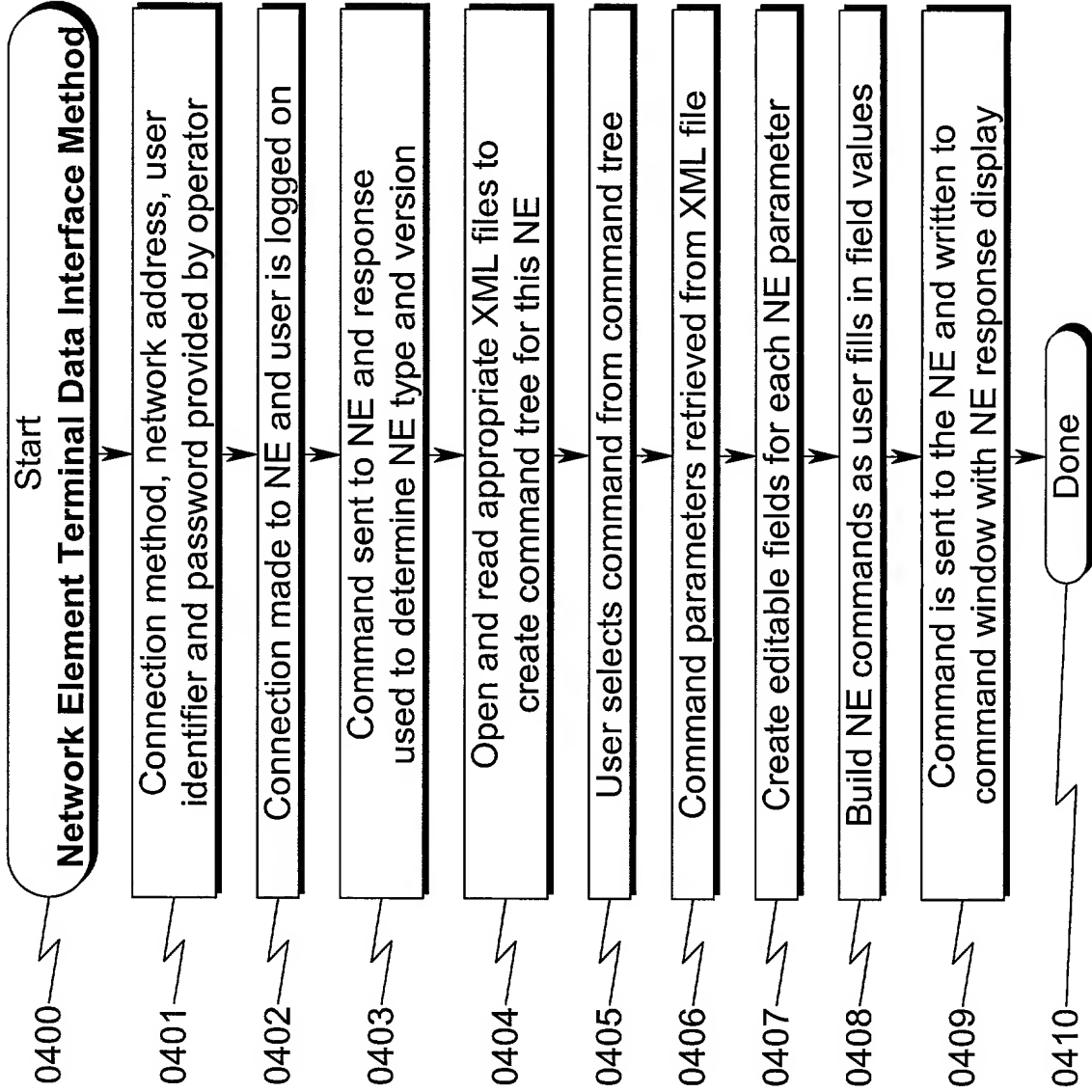


FIG. 5

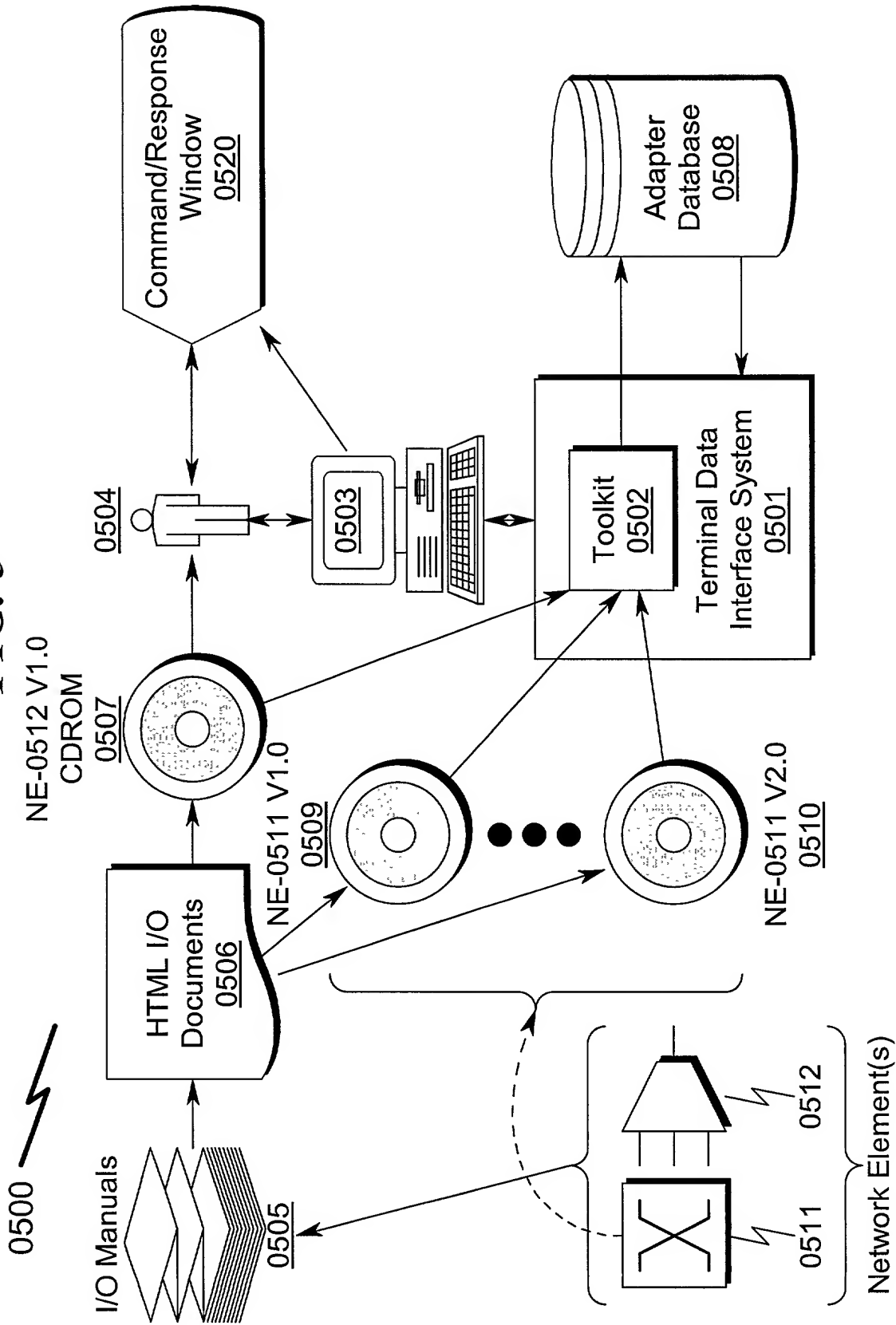


FIG. 6

0600

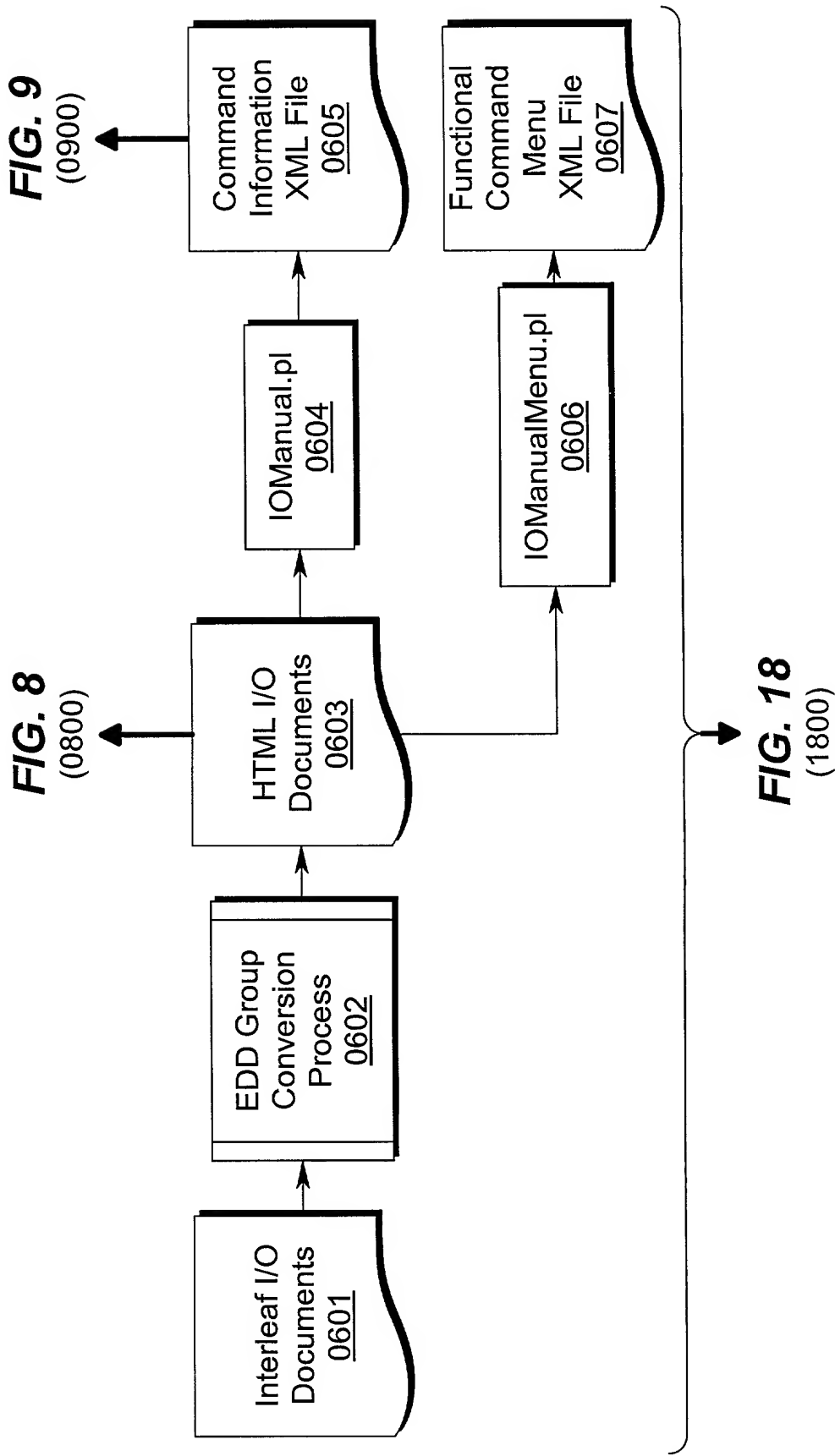


FIG. 7

0700

```
<HTML>
  <BODY BGCOLOR="#FFFFFF">
    <H2> COMMAND CODE: CHG-TL-DIG </H2>
    <H2> COMMAND NAME: CHANGE TERMINATE-AND-LEAVE DIGITAL </H2>
    <H3> INPUT FORMAT </H3>
    <P ALIGN="LEFT">
      <CODE> CHG-TL-DIG: [TID] :TAP: [CTAG] ::ACT;</CODE>
    </P>
    <H3> INPUT PARAMETERS </H3>
    <DL>
      <DT> <A NAME="TID"> TID </DT>
      <DD> &lt; 1-20 VALID TID CHARACTERS &gt; </DD>
    </DL>
      <DT> <STRONG>Default:</STRONG> </DT>
      <DD> &lt;SID&gt; </DD>
      <DT> <STRONG>Addressing:</STRONG> </DT>
      <DD> None </DD>
      <DT> <STRONG>Description:</STRONG> </DT>
      <DD> Target Identifier. </DD>
    </DL>
      <DT> <A NAME="TAP"> TAP </DT>
      <DD> &lt; DS1, DS3, STS1 or VC1 AID &gt; </DD>
    </DL>
      <DT> <STRONG>Default:</STRONG> </DT>
      <DD> Entry Required </DD>
      <DT> <STRONG>Addressing:</STRONG> </DT>
      <DD> None </DD>
      <DT> <STRONG>Description:</STRONG> </DT>
      <DD> Test Access Port AID. </DD>
    </DL>
      <DT> <A NAME="CTAG"> CTAG </DT>
      <DD> &lt; 1-6 VALID CTAG CHARACTERS &gt; </DD>
    </DL>
      <DT> <STRONG>Default:</STRONG> </DT>
      <DD> &lt; System assigned CTAG value &gt; </DD>
      <DT> <STRONG>Addressing:</STRONG> </DT>
      <DD> None </DD>
      <DT> <STRONG>Description:</STRONG> </DT>
      <DD> Correlation Tag. </DD>
    </DL>
      <DT> <A NAME="ACT"> ACT </DT>
      <DD> {RLSA, RLSAB, RLSB, TERMA, TERMA, TERMB} </DD>
    </DL>
      <DT> <STRONG>Default:</STRONG> </DT>
      <DD> Entry Required </DD>
      <DT> <STRONG>Addressing:</STRONG> </DT>
      <DD> None </DD>
      <DT> <STRONG>Description:</STRONG> </DT>
      <DD> Action, specifies the terminate-and-leave action.</DD>
    </DL>
  </DL>
</BODY>
</HTML>
```

FIG. 8

0800

```
<template file="C027.HTM">
<command name="CHG-TL-DIG" numblk="5">
  <cmd.syntax><![CDATA[CHG-TL-DIG: [TID]:TAP: [CTAG]::ACT;]]></cmd.syntax>
  <cmd.desc>CHANGE TERMINATE-AND-LEAVE DIGITAL</cmd.desc>
  <block numparm="1">
    <parm>
      <parm.name>TID</parm.name>
      <parm.desc>Target Identifier.</parm.desc>
      <hint><![CDATA[1-20 VALID TID CHARACTERS]]></hint>
      <default><![CDATA[SID]]></default>
    </parm>
  </block>
  <block numparm="1">
    <parm type="required">
      <parm.name>TAP</parm.name>
      <parm.desc>Test Access Port AID.</parm.desc>
      <hint><![CDATA[DS1, DS3, STS1 or VC1 AID]]></hint>
      <default><![CDATA[Entry Required]]></default>
    </parm>
  </block>
  <block numparm="1">
    <parm>
      <parm.name>CTAG</parm.name>
      <parm.desc>Correlation Tag.</parm.desc>
      <hint><![CDATA[1-6 VALID CTAG CHARACTERS]]></hint>
      <default><![CDATA[System assigned CTAG value]]></default>
    </parm>
  </block>
  <block numparm="0"/>
  <block numparm="1">
    <parm type="required">
      <parm.name>ACT</parm.name>
      <parm.desc>Action</parm.desc>
      <hint><![CDATA[See list.]]></hint>
      <default><![CDATA[Entry Required]]></default>
      <numval>6</numval>
      <value><![CDATA[RLSA]]></value>
      <value><![CDATA[RLSAB]]></value>
      <value><![CDATA[RLSB]]></value>
      <value><![CDATA[TERMA]]></value>
      <value><![CDATA[TERMAB]]></value>
      <value><![CDATA[TERMB]]></value>
    </parm>
  </block>
</command>
</template>
```


FIG. 9

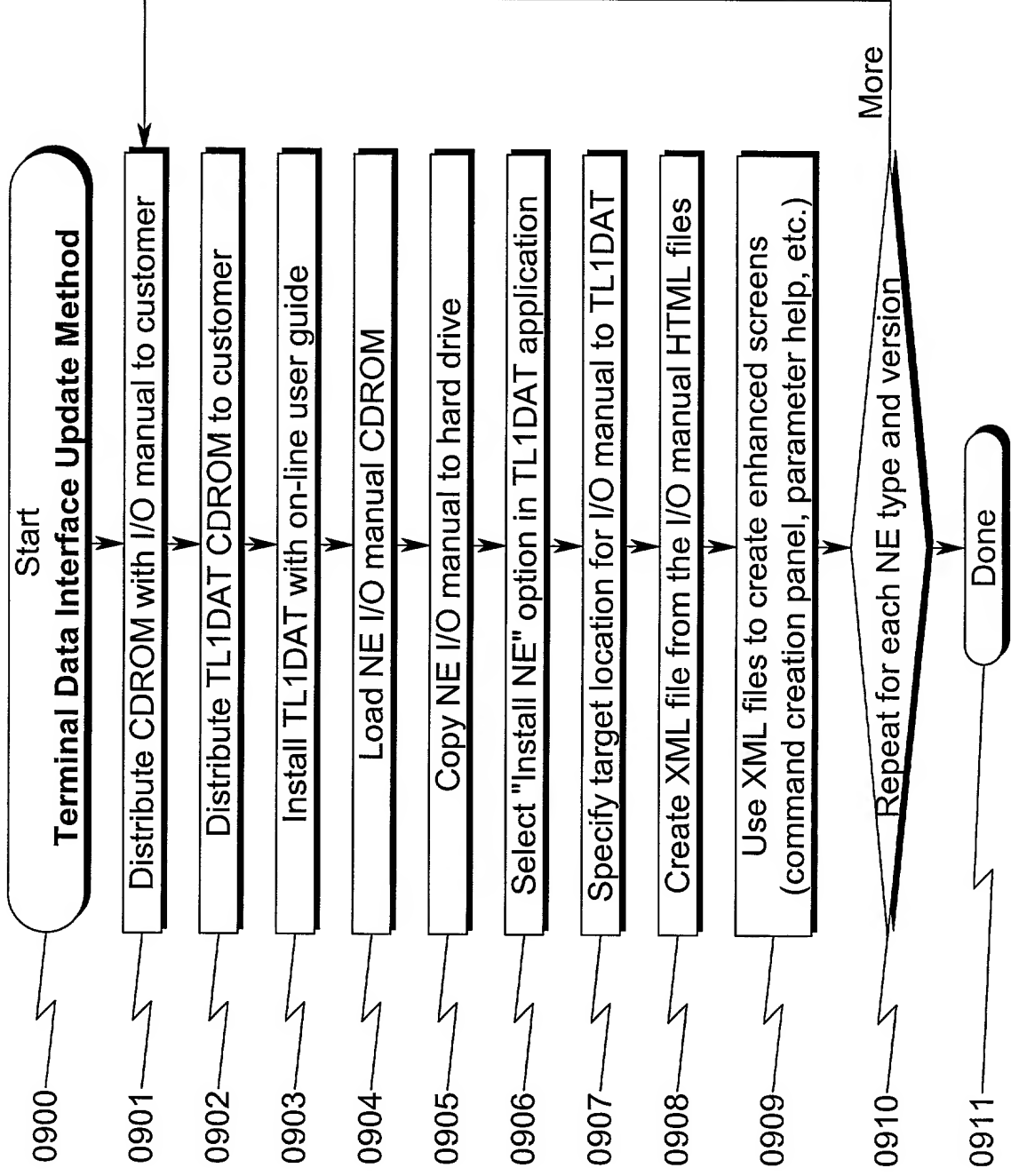


FIG. 10

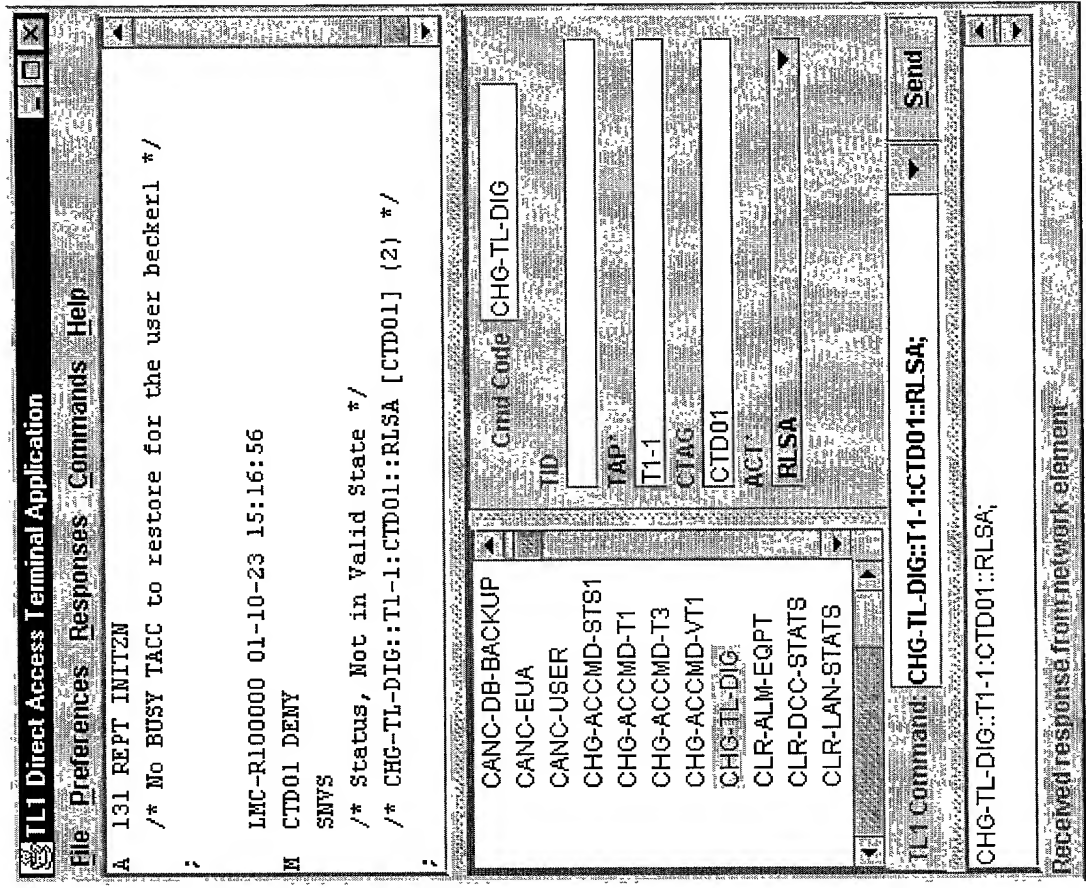


FIG. 11

CANC-DB-BACKUP
CANC-EUA
CANC-USER
CHG-ACCMD-ST81
CHG-ACCMD-T1
CHG-ACCMD-T3
CHG-ACCMD-VT1
CHG-TL-DIG
CLR-ALM-EQPT
CLR-DCC-STATS
CLR-LAN-STATS

Cmd Code
CHG-TL-DIG

TID
TAP
T1-1
CTAG
CTD01
ACT
RLSA

Send

TL1 Command: CHG-TL-DIG::T1-1:CTD01::RLSA;

1100

FIG. 12

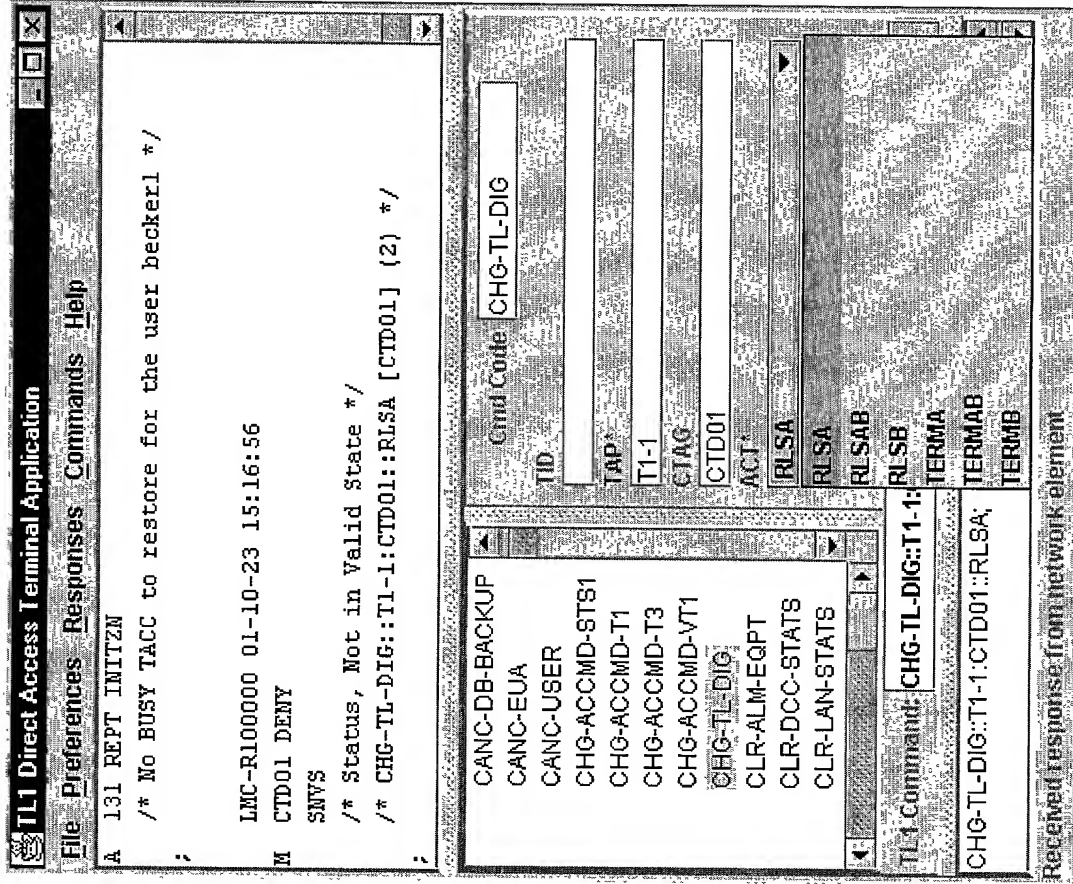


FIG. 13

1300

CANC-DB-BACKUP
CANC-EUA
CANC-USER
CHG-ACCMD-STS1
CHG-ACCMD-T1
CHG-ACCMD-T3
CHG-ACCMD-VT1
CHG-TL-DIG
CLR-ALM-EQPT
CLR-DCC-STATS
CLR-LAN-STATS

Cmd Code CHG-TL-DIG

TID

TAP

T1-1

CTAG

CTD01

ACT

RLSA

RLSA

RLSAB

RLSB

TERMA

TERMAB

TERMB

TL1 Command: CHG-TL-DIG::T1-1:

CHG-TL-DIG::T1-1:CTD01::RLSA;

FIG. 14

1400 

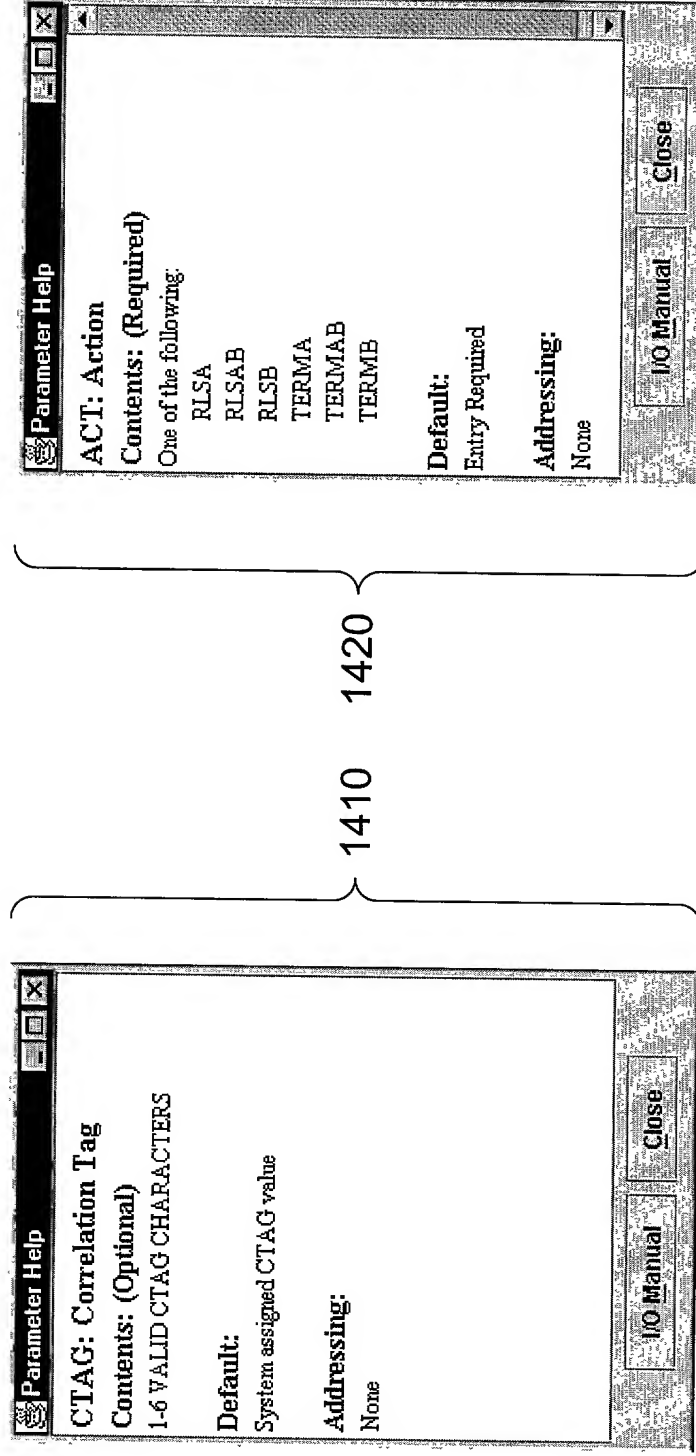


FIG. 15

TL1 NE Connection Information

TL1 Network Element Connection Information

User Identifier (UID):	user1
Password Identifier (PID):	*****

☐ Serial Port Connection ☒ TCP/IP Connection ☐ Telnet Connection

Hostname or IP address:	lmc10
Port:	2345

☒ Skip to End of Buffer

OK Exit

FIG. 16

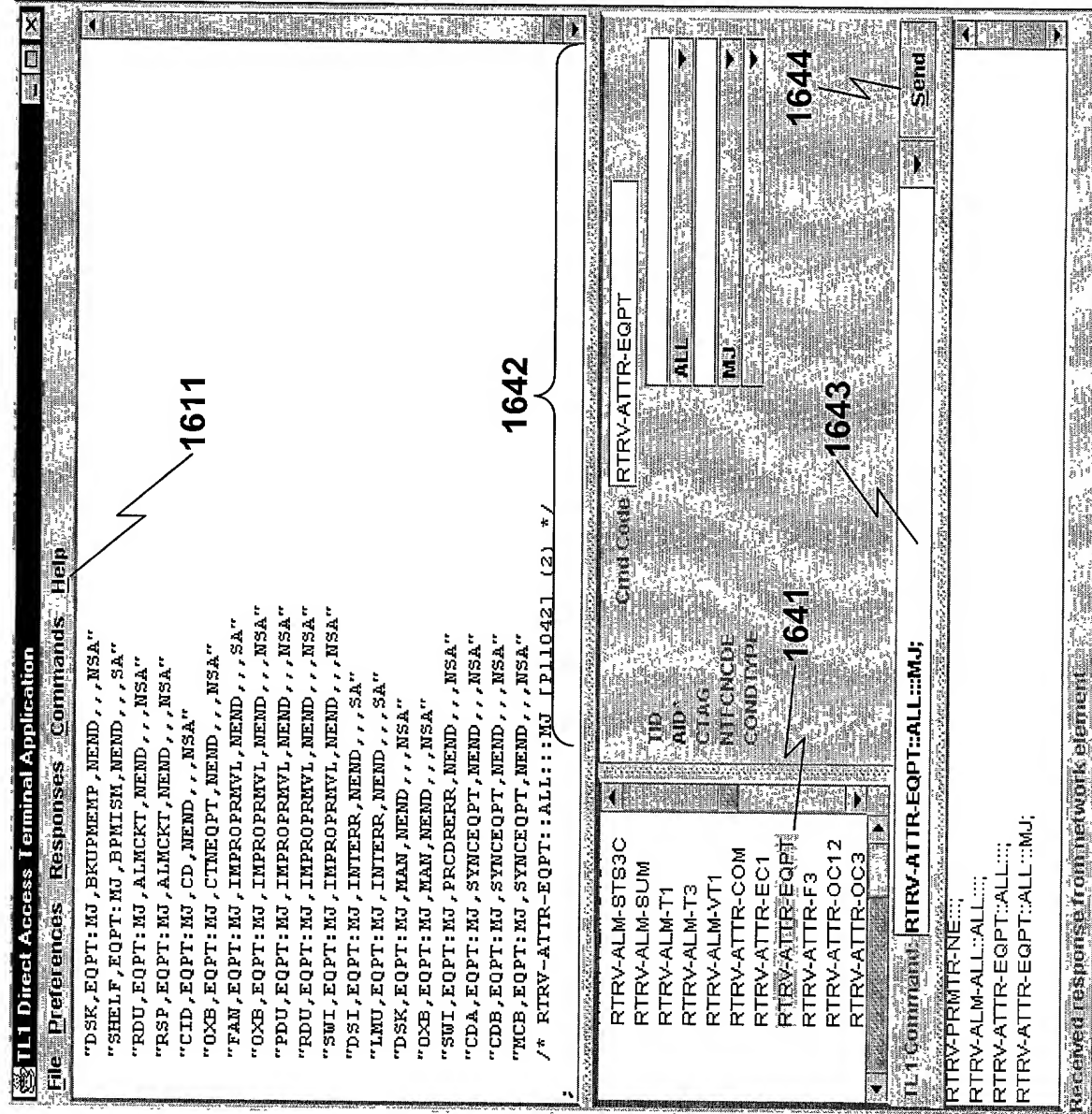


FIG. 17

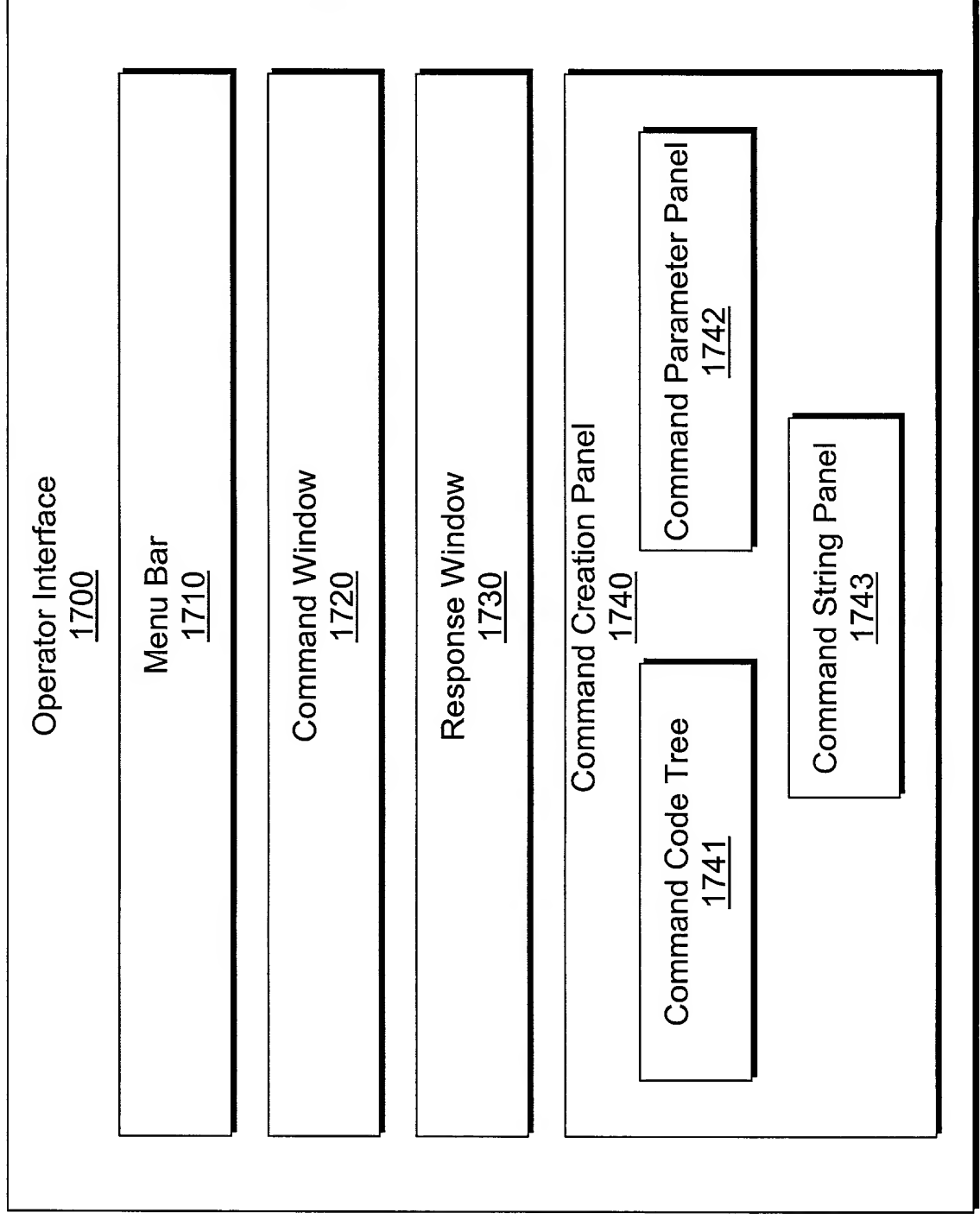


FIG. 18

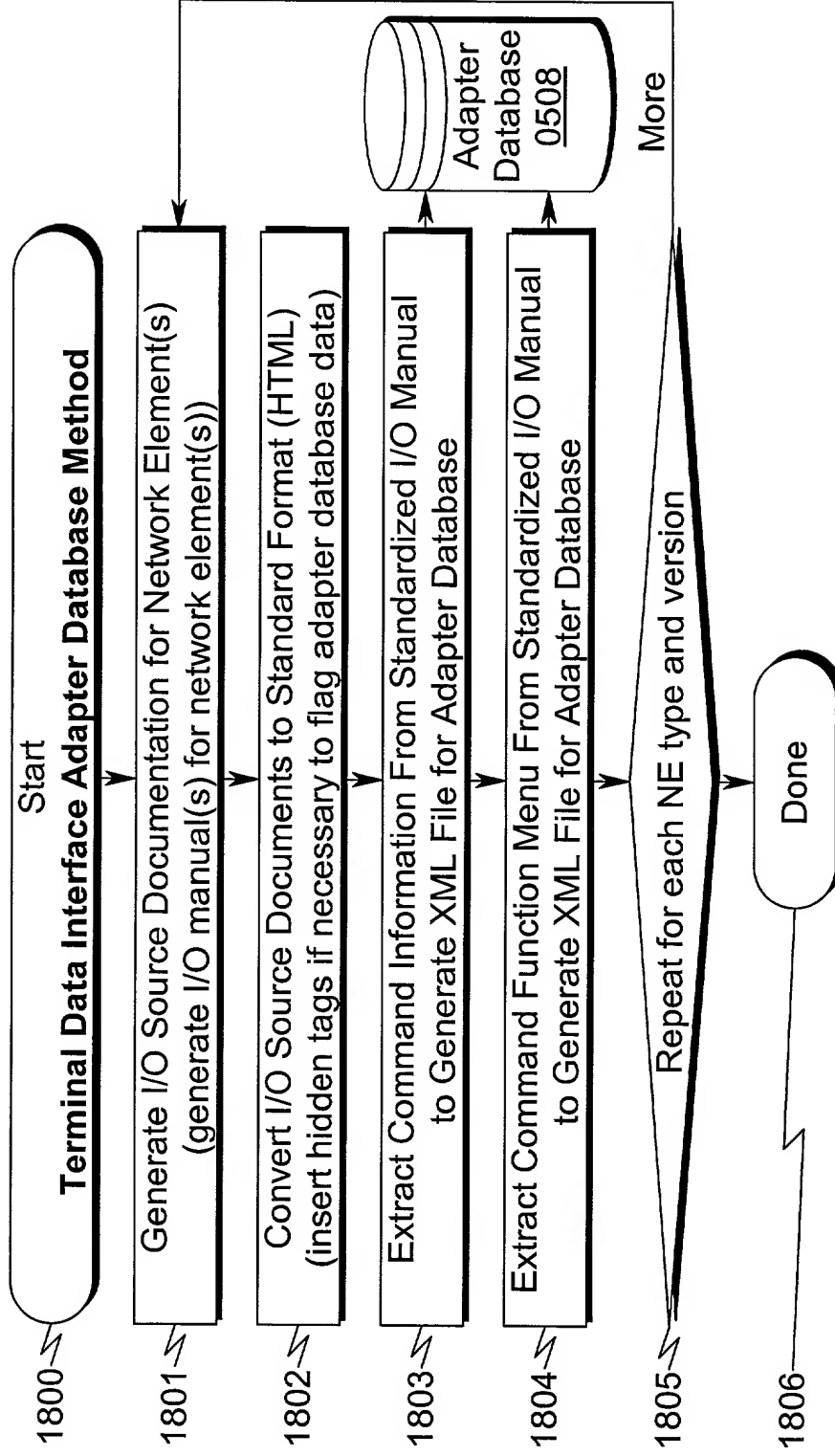


FIG. 19

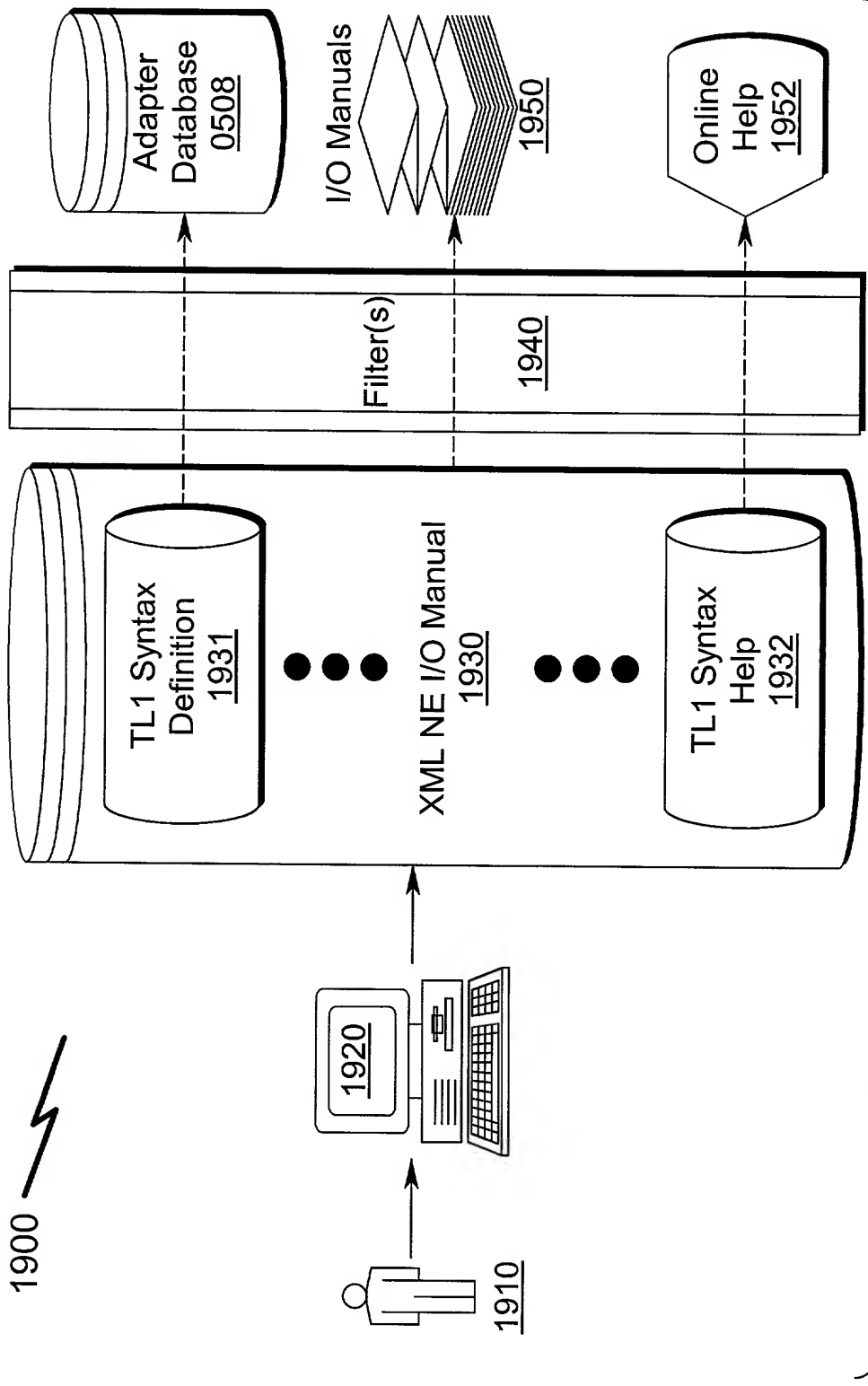


FIG. 20

(2000)

FIG. 20

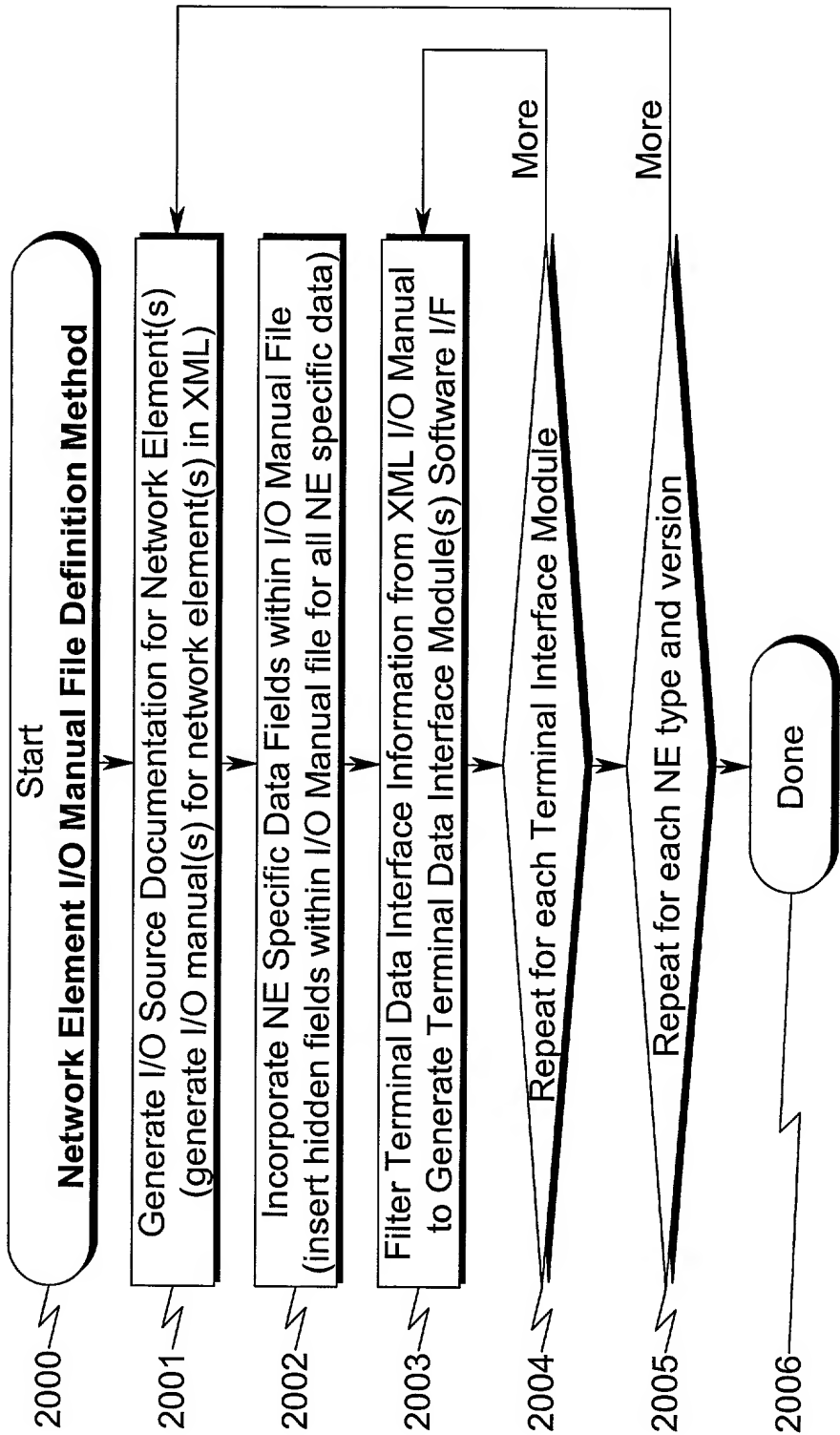


FIG. 21

2100

```
<!DOCTYPE tlltemplates [  
  <!ELEMENT tlltemplates  
    (product, stream, release, (template)*)>  
  <!ELEMENT product (#PCDATA)>  
  <!ELEMENT stream (#PCDATA)>  
  <!ELEMENT release (#PCDATA)>  
  <!ELEMENT template (command, response?)>  
  <!ATTLIST template  
    file CDATA #REQUIRED  
  >  
  <!ELEMENT command (cmd.syntax,  
    cmd.desc,  
    block+)>  
  <!ATTLIST command  
    name CDATA #REQUIRED  
    numblk CDATA #REQUIRED  
  >  
  <!ELEMENT cmd.syntax (#PCDATA)>  
  <!ELEMENT cmd.desc (#PCDATA)>  
  <!ELEMENT block (parm*)>  
  <!ATTLIST block  
    numparm CDATA #REQUIRED  
    keywrd (y | n) "n"  
  >  
  <!ELEMENT parm (parm.name?, parm.desc?,  
    hint?, default?, numval?,  
    value*)>  
  <!ATTLIST parm  
    type (optional | required) "optional"  
    ranges (y | n) "n"  
    groups (y | n) "n"  
    masked (y | n) "n"  
  >  
  <!ELEMENT parm.name (#PCDATA)>  
  <!ELEMENT parm.desc (#PCDATA)>  
  <!ELEMENT hint (#PCDATA)>  
  <!ELEMENT default (#PCDATA)>  
  <!ELEMENT numval (#PCDATA)>  
  <!ELEMENT value (#PCDATA)>  
  <!ELEMENT response (#PCDATA)>  
]>
```

FIG. 22

2200

```
<!DOCTYPE tllmenuhierarchy [  
  <!ELEMENT tllmenuhierarchy  
    (product, stream, release, (tllmenu)+)>  
  <!ELEMENT product (#PCDATA)>  
  <!ELEMENT stream (#PCDATA)>  
  <!ELEMENT release (#PCDATA)>  
  <!ELEMENT tllmenu (tllmenu | item)+ >  
  <!ATTLIST tllmenu  
    title      CDATA      #REQUIRED  
    open      CDATA      #IMPLIED  
  >  
  <!ELEMENT item (#PCDATA) >  
  <!ATTLIST item  
    desc      CDATA      #REQUIRED  
  >  
>  
>
```

FIG. 23

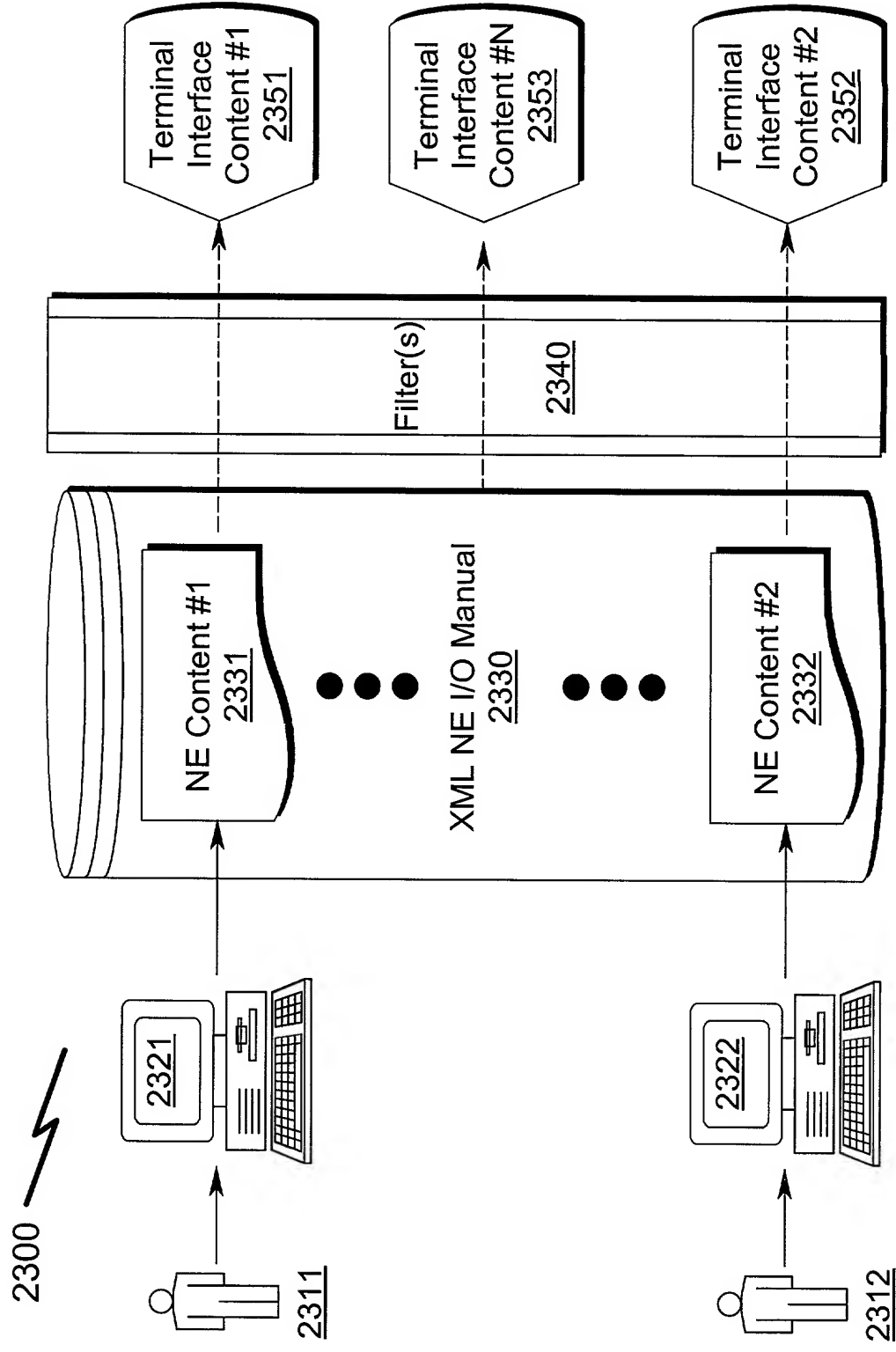


FIG. 24

